



# RIVER MILE 10.9 REMOVAL ACTION PERIMETER AIR MONITORING PROGRAM WEEKLY REPORT

## Summary of perimeter air monitoring for the week ending August 3, 2013

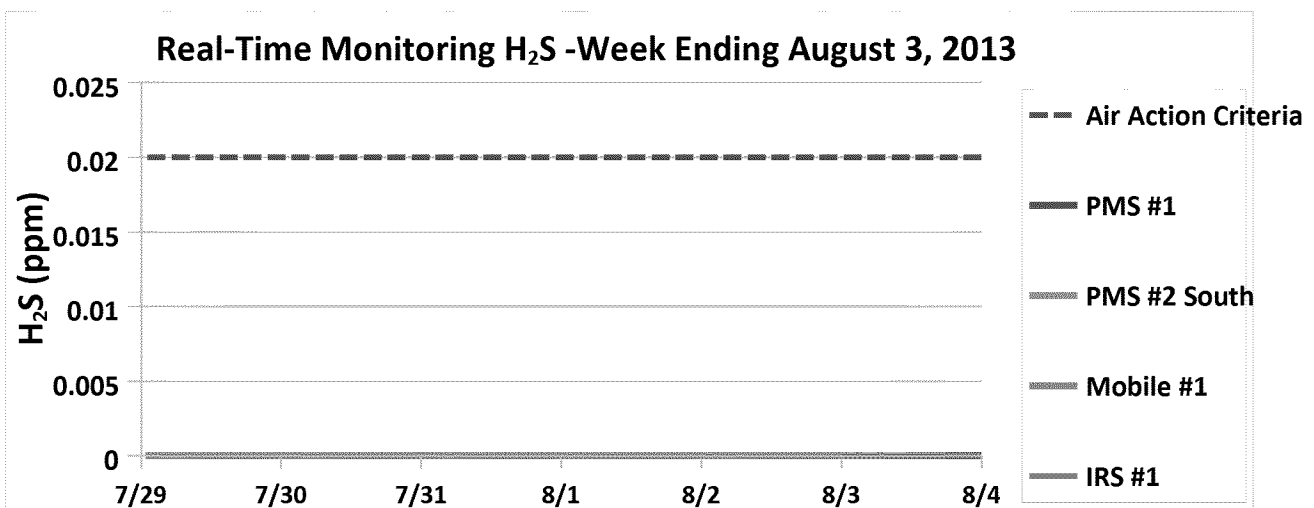
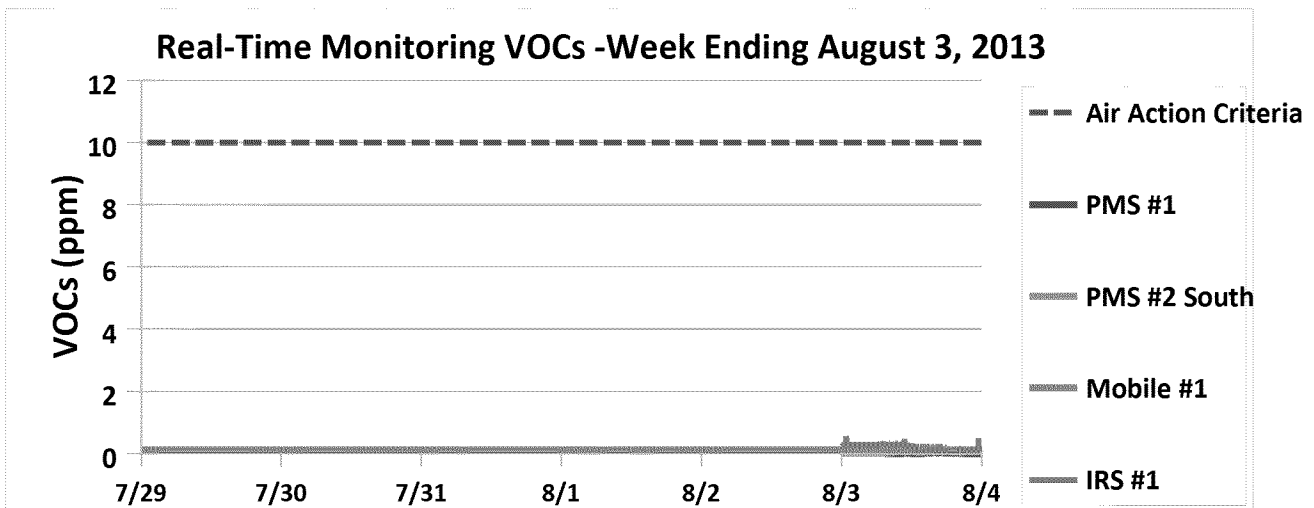
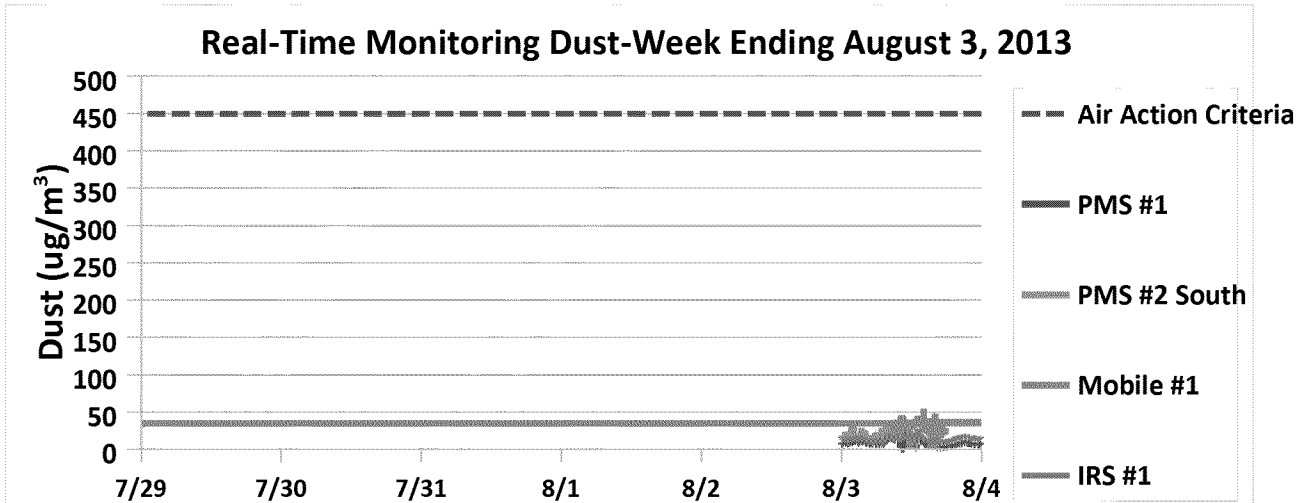
Dredging operations, which began on August 3, 2013, are being continuously monitored to ensure that air quality is maintained at acceptable levels. To monitor air quality, a number of sampling locations have been established shown on the map below.

*Operations were conducted within acceptable air monitoring limits.*



## Real-Time Air Monitoring Data

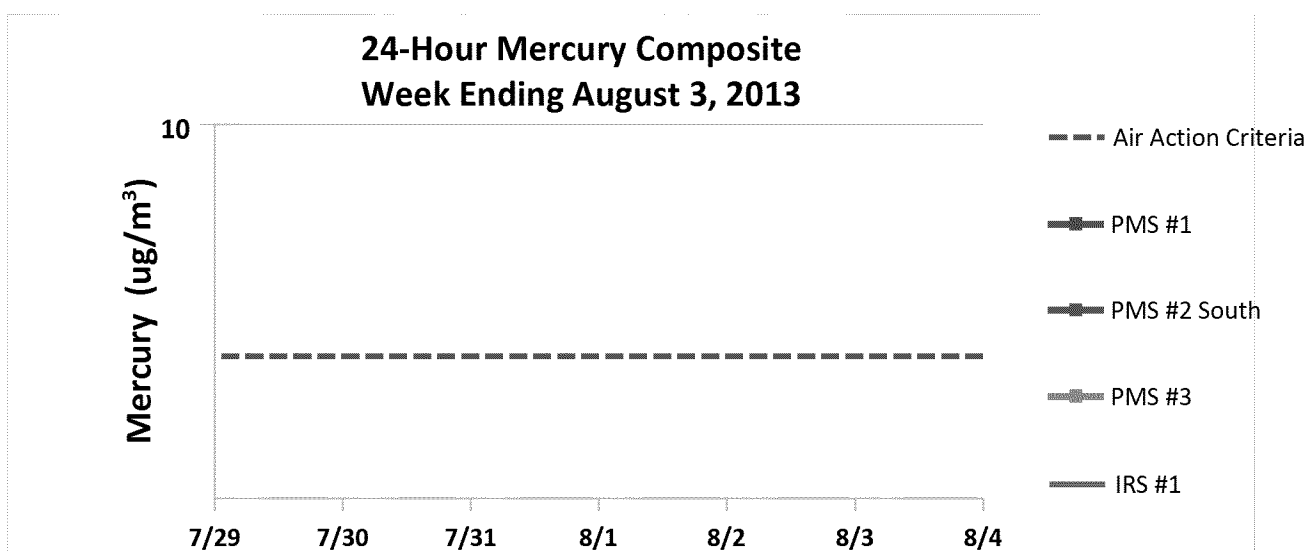
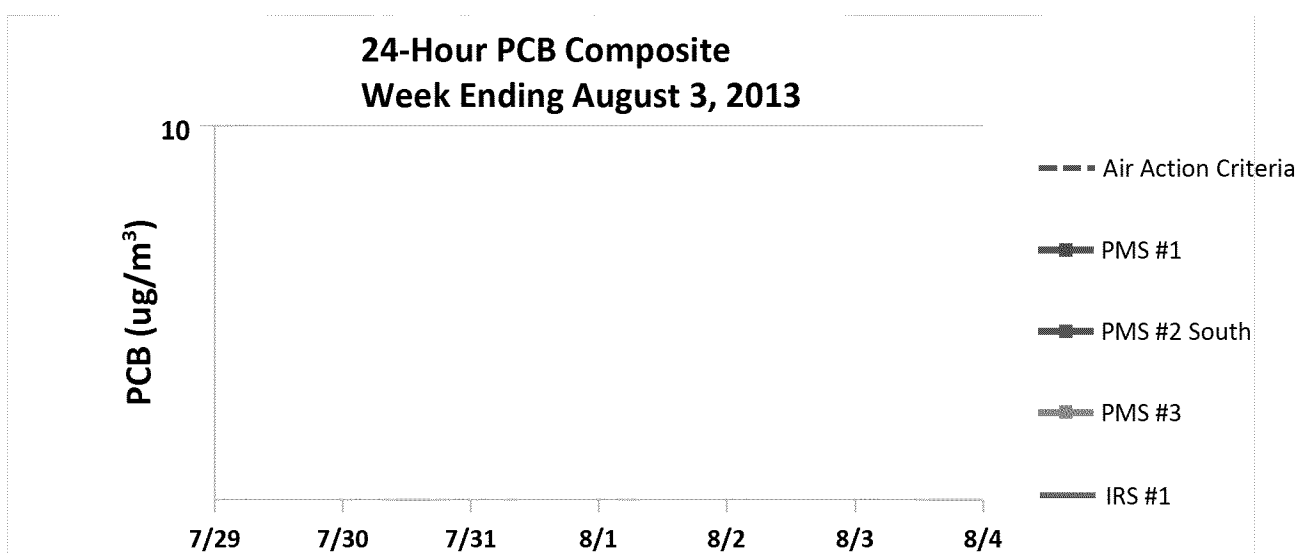
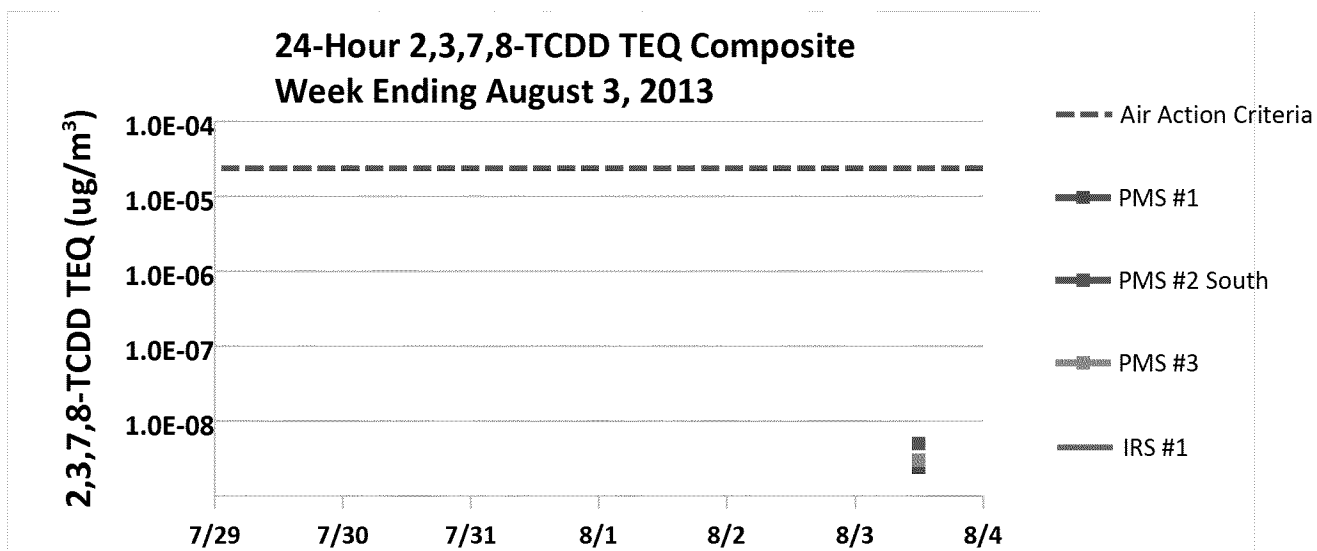
Air Monitoring Station		Daily Averages For Week Ending August 3					
	Action Level Above Background	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
PMS #1 (Park)							
VOCs (ppm)	10						0.01
H2S (ppm)	0.02						0.00
Dust (ug/m3)	450						8.3
PMS #2 South (Park)							
VOCs (ppm)	10						0.01
H2S (ppm)	0.02						0.00
Dust (ug/m3)	450						2.5
Mobile #1 (Park)							
VOCs (ppm)	10						0.21
H2S (ppm)	0.02						0.00
Dust (ug/m3)	450						27.0
IRS #1 (River)							
VOCs (ppm)	10						0.19
H2S (ppm)	0.02						0.00
Dust (ug/m3)	450						13



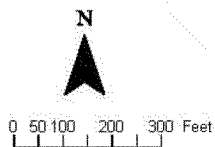
Air Monitoring Station	24-hour Particulate Composites For Week Ending August 3					
	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
<b>PMS #1 (Park)</b>						
2,3,7,8 TCDD TEQ (ug/m <sup>3</sup> )						*
PCBs (ug/m <sup>3</sup> )						*
Mercury (ug/m <sup>3</sup> )						*
PM10 (ug/cm)						*
<b>PMS #2 South (Park)</b>						
TCDD (ug/m <sup>3</sup> )						*
PCBs (ug/m <sup>3</sup> )						*
Mercury (ug/m <sup>3</sup> )						*
PM10 (ug/cm)						*
<b>PMS #3 (Park)</b>						
TCDD (ug/m <sup>3</sup> )						*
PCBs (ug/m <sup>3</sup> )						*
Mercury (ug/m <sup>3</sup> )						*
PM10 (ug/cm)						*
<b>IRS #1 (River)</b>						
TCDD (ug/m <sup>3</sup> )						*
PCBs (ug/m <sup>3</sup> )						*
Mercury (ug/m <sup>3</sup> )						*
PM10 (ug/cm)						*

\* Air sample sent to laboratory, results not available at this time. Data will be reported in next week's report

Action Levels	Resident	Park Worker	Recreational User
2,3,7,8 TCDD TEQ (ug/m <sup>3</sup> )	2.4E-5	7.1E-4	1.9E-4
PCBs (ug/m <sup>3</sup> )	0.11	0.71	0.81
Mercury (ug/m <sup>3</sup> )	2.4	3.77	9.7



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Notes:  
1. Orthophoto: NJGIS, 2007

Perimeter Air Monitoring Stations  
RM 10.9 Removal Action Air Monitoring Plan  
Lower Passaic River Study Area, New Jersey